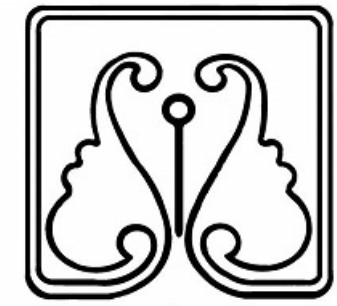
Designing and implementing an smart monitoring and management system of environmental and electrical conditions of server rooms

university of Guilan



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Abstract

Contents

Chapter 1

Introduction

1.1 Backgrounds

Server rooms are a critical component of today's technology-driven world: with the growing reliance on and need for technological devices, ensuring that server rooms function properly has become an essential part of our daily lives. Server rooms are important to an organization because they contain infrastructure and critical equipment. Monitoring various parameters such as temperature, humidity, electricity and others helps ensure that the system is running smoothly. The first step in monitoring server rooms is to understand the different parameters that need to be monitored. The following is a list of common parameters that should be monitored in server rooms:

- Temperature

  Server room temperature should be maintained at a stable, suitable level to ensure the proper functioning of equipment. The recommended range of temperatures is between 18°C and 27°C. [1]

Chapter 2

Chapter Two Title

chapter02

Chapter 3

Conclusion

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Appendix A

Tables

Bibliography

[1] A. T. C. T. 9.9, "Data center storage equipment thermal guidelines, issues, and best practices." https://resourcecenter.ashrae.org/File%20Library/Technical%20Resources/Bookstore/ASHRAE_Storage_White_Paper_2015.pdf, 2015.